

WHAT IS CLAIMED IS:

1. A cross shaft joint tiltably coupling two shaft members each other, the cross shaft joint comprising:

5 a cross shaft which includes four shaft portions and is arranged between the two shaft members;

outer ring cups rotatably provided to the four shaft portions, respectively, the outer ring cups being adapted to be coupled to corresponding shaft members; and

10 an attachment portion to which a balance weight for balancing the outer ring cups can be attached is formed on at least one of the outer ring cups.

2. The cross shaft joint according to claim 1, wherein the attachment portion includes an attachment hole having a substantially constant inside diameter, into which a bar-shaped balance weight can be inserted:

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3. The cross shaft joint according to claim 1, wherein a key groove is formed on an end of one of the shaft members, the outer ring cup is provided with a key portion protruded in a radial direction corresponding to the key groove, and

20 a screw hole concaved in a longitudinal direction of the key portion from an inner end of the key portion in the radial direction is formed,

the balance weight having bar shape is adapted to be inserted into the screw hole and fixed with a plug screwed into the screw hole.